

## **ABSTRACT OF DISCLOSURE**

Test equipment of engine motoring for automatically conducting an engine test includes a conveying mechanism that carries in and carries out an engine to and from a test position, a fixing mechanism that fixes the engine carried in to the test position, a coupling mechanism that directly couples an electrical motor to the engine and can detect [[a]] drive torque, an encoder that generates a pulse signal as an operating standard in synchronism with rotation of the electrical motor, a plurality of detection units driven to reciprocate so as to be connected to and disconnected from or approach and separate from the engine positioned at the test position and detect a plurality of operating state quantities, a control unit for various driving controls, and a judging unit for judging whether the engine is normal by comparing information obtained by the plurality of detection units with standard information obtained in advance.